OpenStack in Taiwan
Insight of Community, Ecosystem and Market

Yoyo Chiang
Taiwan OpenStack User Group (TWOSUG) Coordinator (2010-2014)
OpenStack Day Taiwan Event Committee Chair (2015-2016)
Taiwan in OpenStack

- **2011F : Essex** – 1st time to join Summit
- **2012S : Folsom** – 1st time to sponsor Summit
- **2012F : Grizzly** – 1st time to join Gold member
- **2013S : Havana** – Sponsor Summit
- **2013F : Ice House** – Sponsor Summit
- **2014S : Juno** – Sponsor Summit
- **2014F : Kilo** – Sponsor Summit, 2nd gold member
- **2015S : Liberty** – Sponsor Summit (3 companies)
- **2015F : Mitaka** – Sponsor Summit
Taiwan in OpenStack Foundation

Meet the Tech Committee:
- Total Members: 13 (elected by active tech contributors)
- Determines cross-program issues

Meet the Board of Directors:
- Appointed by Members: 8
- Gold: Elected by Member Class: 8
- Individual: Elected by Individual Members: 8

Meet the User Committee:
- Representing 75+ Global User Groups

Community
OpenStack in Taiwan

- TWOSUG (Taiwan OpenStack User Group)
  Founded in Dec. 2011 @ CCMA, ITRI
OpenStack in Taiwan

- TWOSUG held 10+ Events from 2011-2015
OpenStack in Taiwan

- 1st Application Hackathon in Taiwan @ 2016.3.18-20
OpenStack in Taiwan

OpenStack Day Taiwan 2015

August 11, 2015
Taiwan Taipei TICC

OpenStack Day Taiwan 2015 is organized by the OpenStack Community with the cooperation of iHome. This event focuses on OpenStack technology and applications. The topics include various aspects of OpenStack to help attendees better understand the potential and how to enter the OpenStack domain, as well as how to integrate OpenStack into their respective professional fields.

2015年8月11日

OpenStack Day Taiwan 2015

台北國際會議中心

與會者代表的公司數

出席人數

報名人數

出席率
OpenStack in Taiwan

2,000 Registers!

http://openstackdays.tw

2016.7.12

@TICC
OpenStack Ecosystem in Taiwan
inwinSTACK is the Gold member of OpenStack since Oct 27, 2015

Gold Members

OpenStack Foundation Gold Members provide funding and pledge strategic alignment to the OpenStack mission. There can be up to twenty-four Gold Members at any given time, subject to board approval. If your organization is highly involved with OpenStack and interested in becoming a Gold Member, read more about joining the Foundation. Thank you to the following Gold Members who are committed to OpenStack's success.

Aptira  CCAT  Cisco  Dell  DreamHost  EMC  Ericsson  Fujitsu  Hitachi  Huawei  inwinSTACK  Juniper Networks  Mirantis  NEC  NetApp  Odin  Symantec  Yahoo Inc.

APJ Ranking on OpenStack Commit

<table>
<thead>
<tr>
<th>Liberty</th>
<th>Mitaka</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>8</td>
</tr>
</tbody>
</table>
inwinSTACK Services

- Integration
  - Consulting
  - Deployment
  - Training COA / Ceph
  - inwinSTACK Exclusive Plugin service
inwinSTACK inc.

CEPHのシステム導入事例 (CEPH アプライアンス)

inwinSTACKは顧客企業のOpenstackとCEPH(分散ストレージ)環境を構築し、専門的なサービスを提供しています。今回のセッションは企業のCEPH導入事例を紹介します。

VIKTER PAN

inwinstack, Technical Writer
InfinitiesSoft

CloudFusion w/ OpenStack

Management
- Self-Service Portal
- Chargeback
- Workflow
- Monitoring
- Notification
- Automation
- Logging
- Reporting

Cloud
- Dashboard
  - Horizon
- Cloud APIs
  - OpenStack & EC2
- Orchestration
  - Heat
- Telemetry
  - Ceilometer
- RadosGW
- Compute
  - Nova
- Identity
  - Keystone
- Images
  - Glance
- Object
  - Swift
- Network
  - Neutron
- Block
  - Cinder
- Adapters
- RBD
- Hypervisor
  - Xen, KVM
- SUSE Linux Enterprise Server 11 SP3

Physical Infrastructure: x86-64, Switches, Storage

- OpenStack Icehouse
- SUSE Cloud Adds
- SUSE Product
- Ceph
- InfinitiesSoft CloudFusion
- Partner Solutions
InfinitiesSoft

Solutions

Single Interface UI / API

Unified Cloud Functions

High Performance Log Analytics

Deploy Application to Any Cloud
InfinitiesSoft

CloudFusion Adaptability

Adapted

- vmware
- Microsoft Hyper-V
- IBM
- HPE Helion
- Citrix XenServer
- openstack
- Amazon Web Services
- Microsoft Azure
- IBM SoftLayer
- aliyun.com

Coming Soon

- Windows Azure Pack
- Rackspace
- docker
- EasyStack
- UnitedStack 有云
- DigitalOcean
- UCloud
- ElasticHosts
- CloudSigma
- GoGRID
- Go2Cloud
- serverlove
- SUSE
- Ubuntu
- linode
Gemini Open Cloud

Making Cloud Computing Easy for Business

Enterprise Private Cloud

Telco / IDC Public Cloud

Cloud Service Definition in Formal Language

Provisioning
Orchestration
Monitoring

Orchestration API

Infrastructure API

Engineering Cloud Solution
Surveillance Cloud Solution
Hadoop Cloud Solution
DevOps Cloud Solution
### Revenue Sharing Model

<table>
<thead>
<tr>
<th>Role</th>
<th>Player</th>
<th>Revenue Sharing %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales/Marketing</td>
<td>IDC</td>
<td>X%</td>
</tr>
<tr>
<td>IDC Facility (Rack, Security)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IDC Operation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S/W (Gemini Open Cloud)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S/W Tech Support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H/W (Server, Storage, Switch)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
OpenStack Market in Taiwan

From 8% to 69%

Source: Gemini Solution Day 2015 (2015.10)
## OpenStack Market in Taiwan

### Enterprise Private Cloud Adoption

<table>
<thead>
<tr>
<th>Product</th>
<th>2016 Estimated (%)</th>
<th>2015 (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMware vSphere/vCenter</td>
<td>70.8</td>
<td>61.1</td>
</tr>
<tr>
<td>VMware vCloud Suite</td>
<td>26.9</td>
<td>18.8</td>
</tr>
<tr>
<td>微軟 System Center</td>
<td>22.8</td>
<td>17.5</td>
</tr>
<tr>
<td>微軟 Azure Pack</td>
<td>10.1</td>
<td>6.9</td>
</tr>
<tr>
<td>OpenStack</td>
<td>13.1</td>
<td>7.9</td>
</tr>
</tbody>
</table>

Source: iThome 750.751 (2016.02.06~2016.02.19)
OpenStack Market in Taiwan

- The 1st Public Cloud on OpenStack in 2016
- The 1st Government Cloud on OpenStack in 2016
- The Tier 1 Technology Company Private Cloud on OpenStack in 2016
- The 1st Bank Cloud on OpenStack in 2016
- The 1st Hospital Cloud on OpenStack in 2016
- The 1st University Cloud on OpenStack in 2016
- More the 1st Cloud on OpenStack in 2016
- Welcome On-board with Us!
Thank you for your time!
Welcome to visit Taiwan next week!

Contact: yoyochiang@GeminiOpenCloud.com